Panasonic

GSM.

**Operating Instructions
Digital Cellular
Telephone**

**EB-G500 Series
Main Kit**

Before operating this equipment please read these instructions carefully

Contents

Before You Start

Thank you for purchasing this Panasonic G500 Series digital cellular telephone. This telephone is designed to operate on the Global System for Mobile Communications (GSM).

These operating instructions detail use of the equipment contained in the Main Kit.

Safety Information

This equipment is intended for use when supplied with power from the built-in charger or dual charger (EB-CD500) through the AC Adaptor (EB-CR400). Other usage will invalidate any approval given to this apparatus and may be dangerous.

Switch off your cellular telephone when in an aircraft. The use of cellular telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and may be illegal. Failure to observe this instruction may lead to the suspension or denial of cellular telephone services to the offender, or legal action or both.

You are advised not to use the equipment at a refuelling point. You are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress.

You MUST exercise proper control of your vehicle at all times. Do not use a hand-held telephone or microphone while you are driving. Find a safe place to stop first. Do not speak into a hands-free microphone if it will take your mind off the road. You MUST NOT stop on the hard shoulder of a motorway to answer or make a call, except in an emergency. Acquaint yourself thoroughly with restrictions concerning the use of cellular telephones within the country you are driving and observe them at all times.

Care must be taken when using the telephone in close proximity to personal medical devices, such as pacemakers and hearing aids.
Avoid contact between the antenna and face (especially eyes) during a call.
Take care when using a telephone in crowded places.

Symbols Used
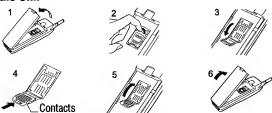
☞ Shows that you should press the following key(s).

⑦ Shows that a service is network dependant or may only be available on a subscription basis. For more information contact your service provider. basis. For more information contact your service provider.

▦ Shows that a function is SIM dependant. For more information contact your service provider.

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Fitting/Removing the SIM

The SIM is fitted into a holder at the back of the telephone underneath the battery. Avoid touching the gold contacts of the SIM.

Fitting the SIM

Contacts

Removing the SIM

To remove the SIM follow the above steps in reverse.

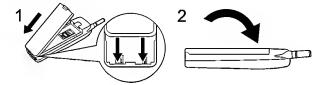## Fitting/Removing the Battery

Fit a fully charged battery pack. If the battery pack is not fully charged then it must be charged as shown in "Charging the Battery" — page 24.
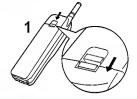
Greater battery capacity is obtained if the telephone is used until the low battery warning and then fully recharged.

Switch off the telephone and turn face downwards.

Fitting the Battery
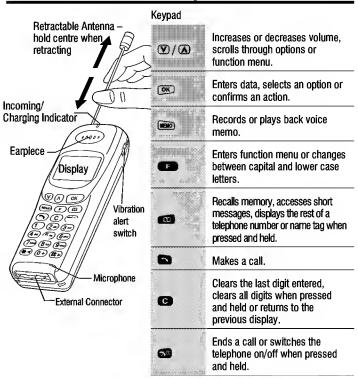
Removing the Battery

Your Telephone

Keypad

Retractable Antenna –
hold centre when
retracting

Incoming/
Charging Indicator

Earpiece

Display

Vibration
alert
switch

Microphone

External Connector

ⓥ/Ⓐ	Increases or decreases volume, scrolls through options or function menu.
OK	Enters data, selects an option or confirms an action.
MEMO	Records or plays back voice memo.
F	Enters function menu or changes between capital and lower case letters.
🔲	Recalls memory, accesses short messages, displays the rest of a telephone number or name tag when pressed and held.
📞	Makes a call.
C	Clears the last digit entered, clears all digits when pressed and held or returns to the previous display.
📴	Ends a call or switches the telephone on/off when pressed and held.

Digit keys **0** to **9**, ***** and **#**. Where appropriate the **0** key will enter the international access code "+", wild numbers or pauses when pressed and held.
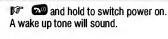
Display

▥	Indicates the battery voltage — ▥ full, ▤ low battery.
△	Indicates that you are registered to a non-home network — roaming.
➘	Indicates that a call is in progress or flashes when a call is holding.
⊠	Indicates the reception of a short text message and flashes when a message has not been read.
⅄	Indicates that it is possible to make an emergency call.
⅃▮	Indicates the received signal strength — ⅄⅃▮ strong signal, ⅄ ᵎ weak signal.
⬕	Indicates that the Ⓨ and ⒶA keys can be pressed.
OK	Indicates that the OK key can be pressed.

Following some operations the display will automatically clear after three seconds or after pressing any key except ⬛.

During some operations the bottom line of the display will show a message in brackets. These messages show which key can be pressed to operate the telephone more efficiently.

Basic Operation

Power on/off

☞ 🔘 and hold to switch power on.
A wake up tone will sound.

```
📶
SEARCHING
FOR NETWORK
```

Registration
complete

☞ 🔘 and hold to switch power off.

```
📶        Y.ull
GSM 001
```

Making a Call

For best reception fully extend the antenna.

Make sure that the signal strength meter (ull) is displayed.

1 ☞ area code and telephone number
(up to 32 digits excluding "+")

2 ☞ 🔘

Call is successful

```
📶  ↘  Y.ull
VOICE CALL
00:00:01
```

Emergency Calls

To make an emergency call ensure that the antenna symbol (Y) is present. However, the presence of the antenna symbol does not guarantee that an emergency call can be made.

☞ 1️⃣ 1️⃣ 2️⃣ 🔘

```
📶  ↘  Y
DIALLING
EMERGENCY
```

International Dialling

Using the Automatic International Access Code "+" you will be able to dial international numbers without having to know the code for the international exchange. Dialling national numbers using the "+" will have no affect on call charges.

1 ☞ **0•** and hold until a "+" appears

2 ☞ country code, area code and telephone number

3 ☞ ☎

NOTE: Many countries include an initial "0" in the area code. This should, in most cases, be left out when dialling international numbers. If you have difficulties making international calls, contact your service provider.

Ending a Call

☞ ☎

Receiving a Call

To receive a call the telephone must be switched on and the signal strength meter (ıll) must be displayed.

☞ any key except ☎

☞ ☎ to reject the call

RING!

Calling Line Identification ☺

This feature allows you to identify incoming calls and accept or reject them. The last twenty digits of the caller's telephone number will be displayed.

Unanswered Calls

The number of unanswered calls that have been received will be displayed.

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Advanced Operation

Adjusting Volume

Keytone

Five levels of keytone volume are available.

During standby:
☞ Ⓥ to decrease Ⓐ to increase

To switch off keytone volume decrease below level one.

```
[▇▇]        Y.ull◉
GSM 001
   KEY VOLUME
 L ■■■□□ H
```

Earpiece

Five levels of earpiece volume are available.

During a call:
☞ Ⓥ to decrease Ⓐ to increase

```
[▇▇] ↘    Y.ull◉
VOICE CALL
   EAR VOLUME
 L ■■■■■ H
```

Ring Volume

Ring volume and type can be set to a preferred level and type — see "Ring Volume" page 24.

Vibration Alert

When vibration alert is switched on the telephone will vibrate when a call is received. Switching on vibration alert will silence the ring volume.

Vibration alert is switched on and off using the switch on the side of the telephone.

Automatic Redial

When "Automatic Redial" is on and a call is unsuccessful the telephone will automatically redial the number after five seconds — see page 24. A tone will sound before each redial attempt.

☞ any key to cancel

```
[▇▇]        Y.ull
AUTO REDIAL
+01234567890
12345
```

Blacklist

A maximum of ten redial attempts will be made, then the telephone number will be entered in the blacklist. To delete a telephone number from the blacklist redial the telephone number manually.If a call is repeatedly unsuccessful you will not be able to automatically redial the telephone number. In this case you must redial the telephone number manually.

Pause Dial

Using pauses allows you to send DTMF tones semi-automatically.

1 ☞ telephone number

2 ☞ ⏺ and hold to display "P"

3 ☞ digits after the pause

Repeat for more pauses

4 ☞ ▬

When the call is successful

5 ☞ ▬ or wait for 3 seconds for each pause

DTMF Tone Transmission — During Conversationation

DTMF tones are used to access voice mail, paging and computerised home banking.

Manual

☞ numbers

From Memory

Recall a number from memory — see "Memory" page 12.

1 ☞ ⏺ ▬ to send the first digits before the pause

2 ☞ ▬ or wait for 3 seconds for each pause

Call Hold/Call Waiting ☎

You can receive an incoming call or make a second call while speaking to an existing caller. To receive another call "Call Waiting" must be switched on — see page 19.

Holding/Retrieving a Call

☞ ⏺ ⏹ to place a call on hold

☞ ⏺ ⏹ to retrieve a held call

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Making a Second Call

1 ☞ telephone number, or recall from memory

2 ☞ 🔳

Receiving a Second Call

Accept a Second Call

☞ ⬛ when "ACCEPT?" is displayed

When you accept the incoming call the current call will be placed on hold.

Reject a Second Call

☞ Ⓥ or Ⓐ to display "REJECT?"

☞ ⬛

End First Call and Receive Second Call

1 ☞ 🔳 after call waiting tone

2 ☞ any key except 🔳

Operation During Two Calls

Swap Between Calls

☞ Ⓥ or Ⓐ to display "SWAP?", followed by ⬛

End A Call

☞ Ⓥ or Ⓐ to display "END 1?" or "END 2?", followed by ⬛

End Both Calls

☞ 🔳

Receiving a Third Call

You must end the held call to receive a third call.

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Voice Memo

Voice Memo can be used to record a conversation for approximately twenty seconds and then play it back during standby.

When the SIM is changed any recorded messages will be lost.

CAUTION: Security of a recorded message is your responsibility. You MUST obtain the other party's consent before recording.

Record

During conversation:
☞ (MEMO)

A tone will sound to inform the other party that recording has started. Another tone will sound to the other party five seconds before recording stops. When recording stops a tone will sound to you and the other party.

☞ (MEMO) while recording to restart

Play Back

During standby:
☞ (MEMO)

While playing the recording you can enter a telephone number. Pressing 🔴 will stop playing.

☞ 🔴 to stop playing.

Erase

During standby ☞ (F) (MEMO) (OK)

Alpha Entry

Alpha entry is used to enter alphanumeric characters into Phone Book/Fixed Dial Memory and Short Messages.

When the cursor is moved over a character and another key pressed this will insert the new character.

Key	Character/Operation
🔳 1	− . , : ; ' " + = / ? ¿ ! ¡ ( ) < > 1
🔳 2	A B C Ã Å à Æ Ç 2
🔳 3	D E F è É 3
🔳 4	G H I ì 4
🔳 5	J K L 5
🔳 6	M N O Ñ Õ ò Ø 6
🔳 7	P Q R S ß 7
🔳 8	T U V Ü ù 8
🔳 9	W X Y Z 9
🔳 0	Space Γ Δ Θ Λ Ξ Π Σ Φ Ψ Ω £ $ ¥ * # & % @ § ¤ 0

Each time a key is pressed it will display the next character. When another key is pressed or no key is pressed for a short time the cursor will move to the next position.

Key	Character/Operation
🔳 #	Move the cursor right
🔳 *	Move the cursor left
🔳 F	Swaps between capitals and lower case characters
🔳 C	Deletes the character above the cursor, deletes the character to the left when at the end of the line or clears the entire entry when pressed and held

Memory

Scratch Pad

During a call you can enter numbers which you may wish to dial when the call has ended.

During a call:
☞ telephone number (up to 32 digits excluding "+")

When the call has ended ☞ 🔚

Last Number

The last five to ten dialled telephone numbers, depending on your SIM, will automatically be stored. When this memory is full the latest dialled telephone number will overwrite the oldest stored number.

1 ☞ 🔚

2 ☞ ⓥ or ⓐ to display the required telephone number

3 ☞ 🔚

Unanswered Calls ⓨ

To receive a call the telephone must be switched on and the signal strength meter (📶) must be displayed.

If an incoming call is not answered the telephone will automatically store the caller's telephone number. When the memory is full the next caller's telephone number will overwrite the oldest.

If "RCVD CALL" is displayed pressing 📱 will display the last caller's telephone number.

1 ☞ 📱 ⓥ or ⓐ to display "RCVD CALL"

2 ☞ ⓞⓚ to select

The last caller's telephone number will be displayed.

3 ☞ ⓥ or ⓐ to display the required telephone number

4 ☞ 🔚

Phone Book/Fixed Dial Memory

Telephone numbers are stored on your SIM. Therefore, the number of locations, length of name tag and number of telephone numbers that can be stored are dependant on your SIM.

There are two types of memory:

PHONE BOOK: Stores frequently dialled numbers with a name tag so that telephone numbers can be recalled quickly. Only available when "Fixed Dial" is off — see page 22.

FIXED DIAL: Calls can only be made from Fixed Dial Memory if the security function "Fixed Dial" is on — see page 22. When Fixed Dial is on calls cannot be made manually or from Phone Book. Fixed Dial telephone numbers cannot be edited before they are dialled but wild numbers can be used.

Wild Numbers

Wild numbers, or spaces, can be stored in a telephone number and filled in when the telephone number is recalled from memory. In this way a call can be restricted to a specific area. The spaces can be anywhere within a stored telephone number.

☞ 🔘 and hold until "_" appears

When the telephone number is recalled pressing a numeric key will fill in a space.

```
PHONE NO?
+0123_56_
```

Store

1 ☞ telephone number

2 ☞ 🔘

3 ☞ name tag — see "Alpha Entry" page 11.

4 ☞ 🆗 to enter the name tag

The telephone number entered in step 1 will be displayed.

5 ☞ edit the displayed number

6 ☞ 🆗 to enter the telephone number

7 ☞ Ⓥ or Ⓐ to select "PHONE BOOK" or "FIXED DIAL"

```
PHONE BOOK
001-250▶12-
(0123..67..)
```

8 ☞ memory location number

Vacant locations will be displayed. Occupied locations will be shown as ".".

9 ☞ PIN2 for Fixed Dial MemoryQuick Tip for Calling Dialled Last Number

Automatic Location

The telephone number can be stored automatically at the first available location. This can be done at any time, when prompted. Therefore, a telephone number can be stored in the first vacant location within a block of numbers.

☞ ✱-

Overwrite Protection

If a memory location is occupied you will be asked if you wish to overwrite the current information or store it in a different location.

1 ☞ Ⓥ or Ⓐ to display "OVERWRITE?" or "NEW LOCATION?"

2 ☞ ⓄⓀ to select

Recall

Location Number

1 ☞ ▯▯

2 ☞ Ⓥ or Ⓐ to display "PHONE BOOK" or "FIXED DIAL"

3 ☞ memory location number

4 ☞ ▭

Speed Dial

Speed dial will only work with numbers stored in phone book.

1 ☞ memory location number – leading zeros may be left out

2 ☞ #▸

3 ☞ ▭

Name Tag

1 ☞ ▯▯

2 ☞ Ⓥ or Ⓐ to display "PHONE BOOK" or "FIXED DIAL"

3 ☞ ▯▯

4 ☞ the first letter of the name tag

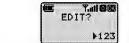5 ☞ Ⓥ or Ⓐ to search through the name tags

6 ☞ ▭

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Telephone Number and Name Tag Overflow

☞ 🔲 and hold to see the rest of the telephone number and name tag

Edit/Delete

Recall an entry by any means described above.

1 ☞ ⌧

2 ☞ ▽ or △ to display "EDIT?" or
 "DELETE?"

3 ☞ ⌧ to select

 If "DELETE?" is selected the location will be
 deleted and you will be returned to standby.

4 ☞ new name tag

5 ☞ ⌧

6 ☞ new telephone number

7 ☞ ⌧

8 ☞ ▽ or △ to display "OVERWRITE?" or
 "NEW LOCATION?"

9 ☞ ⌧ to select

If you select "NEW LOCATION?" you will be asked to store the telephone number in
the same way as normal.

If you edit or delete a Fixed Dial number you will be asked for PIN2.

Function Operation

To display the function menu press ⬛F⬛.
To select a function press the associated function number.
To leave the function menu press ⬤ and hold.

If a menu option is not available the function number is displayed as an "X" and cannot be selected. This may be because the telephone is not in a service area, it is being used in a mode that does not support that feature (hand-held/car mount) or the SIM being used does not support that feature.

The current setting may be shown with an "→" in front of the option.

Call Meter

⬛1⬛ Call meter

Ⓐ Ⓥ
    ⬛1⬛ Last call meter
    ⬛2⬛ Accumulated call meter
    ⬛3⬛ Price per unit
    ⬛4⬛ Call limit

If you are given call charge information by your service provider the remaining charge units, during a call, and the call cost, when the call has ended, will be displayed. Call times are indicated as:
hours (0-99), minutes (0-59), seconds (0-59) — HH:MM:SS.

When the SIM is changed any call meter information will be lost.

NOTE: Call charge information may not give an accurate reflection of the tariffs charged by the service provider.

Current/Last Call ⬛F⬛ ⬛1⬛ ⬛1⬛

The duration of the last call during standby and the current call during conversation.

To see call charge information press Ⓥ or Ⓐ.

All Calls ⬛F⬛ ⬛1⬛ ⬛2⬛

The accumulated duration of all calls. Incoming calls are shown with "→" and outgoing calls are shown with "←".

To see call charge information press Ⓥ or Ⓐ. To reset the meter press ⬛OK⬛, then select which timer to reset by pressing Ⓥ or Ⓐ, followed by ⬛OK⬛. To reset the timers enter the lock code, or to reset the call charge enter the PIN2 and press ⬛OK⬛.
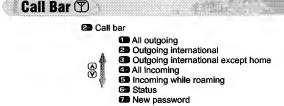
Price Per Unit 🖼 ⬛F⬛ ⬛1⬛ ⬛3⬛

The current setting will be displayed. Press ⬛OK⬛ to change the current setting. Enter the PIN2 and press ⬛OK⬛. Enter a new price per unit, use ⬛F⬛ to enter a decimal point. Press ⬛OK⬛ to set the price. Select the required currency by pressing Ⓥ or Ⓐ. Press ⬛OK⬛ to set the new price per unit.

Call Limit Ⓨ 🖼 ⬛F⬛ ⬛1⬛ ⬛4⬛

Call limit is used to limit length of use to a specified number of units.

During conversation the number of remaining units will be displayed. When the number reaches the specified level, a warning will be given and when the number of units has expired, the current call will end.

To display the current call limit and warning levels press Ⓥ or Ⓐ. Press ⬛OK⬛ to change the current settings. Enter the PIN2 and press ⬛OK⬛. Enter the number of units for a new call limit, to disable call limit set this to zero. Press ⬛OK⬛ to set the call limit. Enter the number of units for the call limit warning, and press ⬛OK⬛.

Call Bar Ⓨ

⬛2⬛ Call bar

    ⬛1⬛ All outgoing
    ⬛2⬛ Outgoing international
    ⬛3⬛ Outgoing international except home
Ⓐ ⬛4⬛ All Incoming
Ⓥ ⬛5⬛ Incoming while roaming
    ⬛6⬛ Status
    ⬛7⬛ New password

Call Bar is used to restrict certain outgoing and/or incoming calls. Any combination of call restrictions can be set.

Call Bar is controlled by a security password that is supplied by your Service Provider.

When updating or checking the status of call bar the telephone must be registered with a network.

1. ← **ALL CALLS:** Restricts all outgoing calls.

2. ← **INTERNAT:** Restricts outgoing international calls.

3. ← **INTxHOME:** Restricts outgoing international calls except those to your home country.

4. → **ALL CALLS:** Restricts all incoming calls.

5. → **WHEN ROAM:** Restricts all incoming calls when roaming.

Set Call Bar ⬛F⬛ ⬛2⬛ call bar type

Select "SET?" or "CLEAR?" by pressing ⓨ or Ⓐ, then ⓄⓀ. Enter the password.
Press ⬛ to update the call bar status with the network.

Call Bar Status ⬛F⬛ ⬛2⬛ ⬛6⬛

Press ⬛ to check the call bar status, this may take a while to update.

To see further levels of call bar status, press ⓨ or Ⓐ.

Change Password ⬛F⬛ ⬛2⬛ ⬛7⬛

Enter the current password. Enter a new password (four digits).

Enter the new password again.

Press ⬛ to update the new password with the network.

Divert ⓨ

❸ Divert
- ❶ All calls
- ❷ If busy
- ❸ No answer
- ❹ Unreachable
- ❺ Status

Divert is used to forward incoming calls to another telephone, not necessarily a GSM telephone.

When updating or checking the status of divert the telephone must be registered with a network.

1. ALL CALLS: Diverts all calls.

2. IF BUSY: Diverts if you are busy.

3. NO ANSWER: Diverts if you do not answer.

4. UNREACH: Diverts if you are out of service or switched off.

Set Divert ⬛F⬛ ⬛3⬛ call divert type

Select "SET?" or "CLEAR?" by pressing ⓨ or Ⓐ, then ⓄⓀ.

Enter the telephone number to which calls will be diverted, this can be recalled from a memory. Press ⓄⓀ to enter the telephone number.

If you selected "NO ANSWER" press ⓨ or Ⓐ to select a delay time (five to thirty seconds in five second steps) then press ⓄⓀ.

Press ⬛ to update the divert status with the network.

Divert Status ⬛ 3️⃣ 5️⃣

Press 🔲 to check the divert status, this may take a while to update.

To see further levels of divert status, press Ⓥ or Ⓐ.

Call Waiting ⑦

4️⃣ Call waiting

Ⓐ 1️⃣ Set call waiting
Ⓥ 2️⃣ Status

Call waiting is used to receive a second call during your current call.

When updating or checking the status of call waiting the telephone must be registered with a network.

Set Call Waiting ⬛ 4️⃣ 1️⃣

Select "SET?" or "CLEAR?" by pressing Ⓥ or Ⓐ, then 🆗.

Press 🔲 to update the call waiting status with the network.

Call Waiting Status ⬛ 4️⃣ 2️⃣

Press 🔲 to check the call waiting status, this may take a while to update.

To see further levels of call waiting status, press Ⓥ or Ⓐ.

Messages ⑦

5️⃣ Messages

1️⃣ Read a message
2️⃣ Delete a message
Ⓐ 3️⃣ Automatically clear messages
Ⓥ 4️⃣ Send/edit a message
5️⃣ Message centre
6️⃣ Cell broadcast

You can receive, display, edit or send short text messages, of up to 160 characters.

New messages will automatically be stored in the message area of your SIM. If the message area is full a new message will be rejected. To receive new messages you will have to erase unwanted messages, this can be done automatically.

When a message is received the message indicator (⊠) will flash and "NEW MESSAGE" will be displayed. To read a new message when "NEW MESSAGE" is displayed press 📧. The rest of the message can be read by pressing Ⓥ and Ⓐ.

Read a Message 🔵 🔵 🔵

Use ▽ or △ to display additional messages. Messages that have not been read will be displayed with a asterisk "*" after the message number.

To select a message enter the message number. The rest of the message can be read by pressing ▽ or △.

Return a Call

Use ▽ or △ to display the word "SENDER" or a telephone number in quotation marks (" "). Press 📞 to make a call to the displayed number.

Store Sender's Number in Memory

Use ▽ or △ to display the word "SENDER", then press 0.

Enter a name tag, if required, then press ⌁OK⌁. The "SENDERS" telephone number will be displayed where it can be edited.

Press ⌁OK⌁ to enter the telephone number. Select "PHONE BOOK" or "FIXED DIAL" by pressing ▽ or △.

Enter the location number and PIN2 if "FIXED DIAL" was selected.

Reply to Message

Use ▽ or △ to display "REPLY?", then press ⌁OK⌁.

Enter your reply message followed by ⌁OK⌁. Press 📞 to send the reply.

Delete a Message 🔵 🔵 🔵

Enter the message number that you wish to delete, then press ⌁OK⌁.

Automatically Clear Messages 🔵 🔵 🔵

This will automatically delete a message when a new message is received.

OFF: Switches off automatic delete.

READ: A new message will overwrite the oldest read message.

ALL: A new message will overwrite the oldest read message then the oldest unread message.

Select the option required by pressing ▽ or △, then ⌁OK⌁.

Send/Edit a Message 🄵 🄻 🄲

Before sending a message the message centre number must be entered, see "Message Centre" below.

Create a New Message

Use Ⓥ or Ⓐ to display "CREATE NEW MESSAGE?", then press ⒪Ⓚ.

Enter a message followed by ⒪Ⓚ. You can then follow the procedure in "Send a Message" below.

Edit a Stored Message

Use *V* or Ⓐ to display "EDIT STORED MESSAGE?", then press ⒪Ⓚ.

Enter the message number that you wish to edit. Edit the message, if required, then press ⒪Ⓚ. You can then follow the procedure in "Send a Message" below.

Send a Current Message

To send a message that is already stored in the message area, you must select "EDIT STORED MESSAGE?" , then press ⒪Ⓚ.

Enter the message number that you wish to send, then press ⒪Ⓚ. You can then follow the procedure in "Send a Message" below.

Send a Message

Enter the destination telephone number, or recall a telephone number from memory, then press ⒪Ⓚ.

Select if you want to store the message by pressing Ⓥ or Ⓐ, then ⒪Ⓚ.

If you do not want to store the message press 🕽 to send the message.

If you do want to store the message, enter a location number then press S to send the message.

Message Centre 🄵 🄻 🄻

The Message Centre is where messages are sent before they are forwarded onto their destination.

The Message Centre telephone number may be pre-programmed into your SIM or supplied by your Service Provider.

Enter the Message Centre telephone number, then press ⒪Ⓚ.

Cell Broadcast 🇫 5️⃣ 6️⃣

The Cell Broadcast service can display information about your area, such as traffic or weather information, during standby.
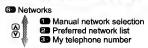
Select "ON?" or "OFF?" by pressing ⓥ or Ⓐ, then ⓞⓚ.

If you switch off Cell Broadcast you will return to standby.

Press ⓞⓚ to display the cell broadcast list. To display the list press ⓥ or Ⓐ.

Enter the cell broadcast code, three digits. To delete the cell broadcast code from the list press 🇨 until "***" is displayed.

Press ⓞⓚ to set the current cell broadcast list.

Networks

6️⃣ Networks

Ⓐ
ⓥ

❶ Manual network selection
❷ Preferred network list
❸ My telephone number

When not in your home country you may use a network that you do not directly subscribe to, this is called ROAMING. Roaming between networks in your home country may not be permitted by National Law.

If your home network is not available and your SIM has a preferred network list the telephone will search through the list of preferred networks.

Manual Network Selection 🇫 6️⃣ ❶

This is used to select a network that is available in your current location and is called manual roaming.

A search for available networks will start and a list will be displayed when this has finished. To select a network press ⓥ or Ⓐ, then ⓞⓚ. When registration is successful the network name will be displayed.

Preferred Network List 📧 🇫 6️⃣ ❷

The preferred network list can be modified. This is called automatic roaming.

To display the preferred network list press ⓥ or Ⓐ. The number to the left of the network is the priority. To change the network list press #️⃣.

Selection by Network Code

Enter the country code (3 digits) and network code (2 digits). Press #️⃣ or *️⃣ to position that network in the priority list. To change another priority press ⓥ or Ⓐ. When the priority list is complete press ⓞⓚ.

Selection by Country

Press ⓥ or ⓐ to display the country initial. Press 🔳 to move to the available networks within that country. Select a network by pressing ⓥ or ⓐ, then 🔳. To change another priority press ⓥ or ⓐ. When the priority list is complete press ⓞⓚ.
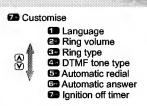
Deleting a Network

Press and hold ⓥ or ⓐ until "DELETE?" is displayed. Press ⓞⓚ to delete the network at that position. The other networks will move up the preferred network list.

My Telephone Number 🔳 🔳 🔳 🔳

You may have a different telephone number for voice, fax and data.

Press ⓥ or ⓐ to display the different telephone numbers. To change a telephone number press ⓞⓚ. Select "EDIT?" or "DELETE?" by pressing ⓥ or ⓐ, then ⓞⓚ. Enter the name tag then press ⓞⓚ. Enter the telephone number then press ⓞⓚ. Select if you want to "OVERWRITE?" or store in a "NEW LOCATION?" by pressing ⓥ or ⓐ, then ⓞⓚ. If you want to store the telephone number in a new location enter the new location number.

Customise

🔳 Customise

    🔳 Language
    🔳 Ring volume
    🔳 Ring type
    🔳 DTMF tone type
    🔳 Automatic redial
    🔳 Automatic answer
    🔳 Ignition off timer

Language 🔳 🔳 🔳

All messages on the display can be shown in one of thirteen languages: Danish, Dutch, English, Finnish, French, German, Greek, Italian, Norwegian, Portuguese, Spanish, Swedish and Turkish.

Select your preferred language by pressing ⓥ or ⓐ, then ⓞⓚ.

It may be possible to set a list of your preferred languages. To move to the next position in the preferred language list press 🔳 or 🔳, then use ⓥ or ⓐ to change this language. Press ⓞⓚ to set the current preferred language list.

Ring Volume `F` `7` `2`

Adjust the ring volume by pressing Ⓥ or Ⓐ, then ⓄⓀ. As the ring volume is changed an example will be heard.

To switch off ring volume decrease below level one.

Ring Type `F` `7` `3`

Select a ring type by pressing Ⓥ or Ⓐ, then ⓄⓀ. As each ring type is selected an example will be heard.

DTMF Tone Type `F` `7` `4`

DTMF tones can be switched off, or set to long or short.

Select the DTMF tone type by pressing Ⓥ or Ⓐ, then ⓄⓀ.

Automatic Redial `F` `7` `5`

This will allow the telephone to redial the telephone number if a call is unsuccessful.

Select "ON?" or "OFF?" by pressing Ⓥ or Ⓐ, then press ⓄⓀ.

Automatic Answer `F` `7` `6`

When you receive a call it can be answered without pressing any keys, when in the car mount kit.

Select "ON?" or "OFF?" by pressing Ⓥ or Ⓐ, then press ⓄⓀ.

Ignition Off Timer `F` `7` `7`

This will delay switching off the telephone when the car ignition is turned off. If a call is in progress after the ignition timer has elapsed the call will be maintained.

Select the ignition off time by pressing Ⓥ or Ⓐ, then ⓄⓀ.

Security

⬛ Security

Ⓐ
Ⓥ
❶ Lock level
❷ New lock code
❸ PIN on/off
❹ New PIN
❺ New PIN2
❻ Fixed dial

There are three types of security code for your telephone:
Lock Code: Controls telephone security. Factory-set to "0000".
PIN: Controls SIM security.
PIN2: Controls security for Fixed Dial Memory and call charge metering.

It is recommended that you memorise your security codes. If you forget them contact your dealer for the lock code or your service provider for PIN and PIN2.

Lock Level ▣ ▣ ❶

FULL LOCK: Prohibits all outgoing calls.

PARTIAL LOCK: Prohibits all outgoing calls except those made from memory.

UNLOCKED: Switches off telephone security.

Emergency calls can be made and incoming calls may always be answered.

To activate, enter the lock code. Select a lock level by pressing Ⓥ or Ⓐ, then ⌷ᴼᴷ⌷.

While the telephone is locked the selected lock level will be displayed during standby. *To restore normal operation to the telephone enter the lock code.* When the telephone is switched off and then on the previous lock level will be restored.

New Lock Code ▣ ▣ ❷

Enter the current lock code. Enter a new lock code (four digits). Enter the new lock code again.

PIN on/off ▣ ▣ ❸

Enter the PIN. Press ⌷ᴼᴷ⌷ to switch PIN on or off.

When the PIN is switched on it will be necessary to enter the PIN, followed by ⌷ᴼᴷ⌷, every time the telephone is switched on.

New PIN **F** **0+** **4**ᴄʜ

PIN must be on to change the PIN.

Enter the current PIN and press ⓄⓀ. Enter a new PIN (four to eight digits) and press ⓄⓀ. Enter the new PIN again and press ⓄⓀ.

New PIN2 ▦ **F** **0+** **5**ᴊᴋʟ

Enter the current PIN2 and press ⓄⓀ. Enter a new PIN2 (four to eight digits) and press ⓄⓀ. Enter the new PIN2 again and press ⓄⓀ.

Fixed Dial on/off ▦ **F** **0+** **6**ᴹᴺᴼ

You can restrict dialling to Fixed Dial numbers only. Calls cannot be made manually or from Phone Book and sending short messages is also prohibited. However, an emergency call can be made, receiving and reading short messages is also permitted.

Select "ENABLE?" or "DISABLE?" by pressing Ⓥ or Ⓐ followed by ⓄⓀ.

Enter your PIN2 to set Fixed Dial on or off.
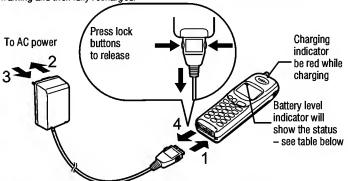
Battery Information

Low Battery During Use

When the battery power is low a warning tone will sound and a "LOW BATTERY" message will flash. The power will automatically shut off shortly after the battery warning tone. Fully charge the battery pack or replace it with a fully charged one.

Charging the Battery

The battery pack must be attached to the telephone before the AC adaptor or charging will not start.

Greater battery capacity is obtained if the telephone is used until the low battery warning and then fully recharged.

To AC power

Press lock buttons to release

Charging indicator be red while charging

Battery level indicator will show the status – see table below

NOTE: DO NOT force the connector as this may damage the telephone and/or the AC adaptor.

Operation of Battery Level Indicator

	While charging	Charging complete
Telephone on	⚡▥	▥
Telephone off	⚡▥	OFF

When charging is complete remove the AC adaptor.

Care and Maintenance

- Pressing any of the keys may produce a loud tone. Avoid holding the telephone close to the ear while pressing the keys.

- Extreme temperatures may have a temporary effect on the operation of your telephone. This is normal and does not indicate a fault.

- Do not disassemble the equipment. There are no user-serviceable parts.

- Do not subject the equipment to excessive vibration or shock.

- Avoid contact with liquids. If the equipment becomes wet immediately remove the power and contact your dealer.

- Always use approved accessories in order to maintain optimum performance and avoid damage.

- The equipment may be cleaned with a soft cloth dampened with a mild detergent and water. Petroleum based cleaners may damage the equipment.

- Do not leave the equipment in direct sunlight or a humid, dusty or hot area.

- Keep metallic items that may accidentally touch the terminals away from the equipment.

- Always charge the battery pack in a well ventilated area, not in direct sunlight, between +5°C and +35°C. It is not possible to recharge the battery pack if it is outside this temperature range.

- Avoid recharging battery packs for much longer than recommended.

- Do not incinerate or dispose of the battery packs as ordinary rubbish. The battery packs must be disposed of in accordance with local legislation and may be recycled.

- When disposing of any packing materials or old equipment check with your local authorities for information on recycling.

Other Information

Trouble Shooting

Should any problem persist contact your dealer.

Problem	Causes and Solutions
Telephone will not switch on	Check that the battery pack is fully charged and correctly connected to the telephone.
Short battery life	Battery life is affected by the network you are using and the condition of the battery pack. The life of the battery pack is affected by improper charging, this is inherent in all Ni-MH and Ni-Cd batteries. To maintain maximum performance always use until the low battery warning and then fully recharge the battery pack. To revive the battery pack use the telephone until it switches off and then fully recharge three times. However, the battery pack will eventually wear out and must be replaced with a new one.
Battery level indicator (🔋) does not light when charging	If a battery is deeply discharged it will take a short time before there is sufficient power in the telephone to light the battery level indicator (🔋). The battery pack must be charged in a temperature no lower than +5°C and no higher than +35°C.
Calls cannot be made	Calls cannot be made when the telephone is locked or outgoing calls are barred — see "Lock Level" page 25 or "Call Bar" page 17. Check that the telephone is registered to a network. Move to a coverage area and operate your telephone after it has registered with a network.
Calls cannot be made from Fixed Dial Memory	Check the telephone number is stored in Fixed Dial Memory or your SIM supports Fixed Dial Memory.
Calls cannot be received	To receive a call the telephone must be switched on. Calls cannot be received when incoming calls are barred — see "Call Bar" - page 17.

Emergency calls cannot be made	Check that the antenna symbol Υ is displayed. Move to a coverage area and operate your telephone when the antenna symbol is displayed.
Telephone numbers cannot be recalled	Memory cannot be recalled when the telephone is fully locked or "Fixed Dial" is switched on — see "Lock Level", page 25 or "Fixed Dial on/off", page 22.

Glossary of Terms

DTMF	Dual Tone Multiple Frequency tones. The numeric keys 0 to 9, and ∗ and # will generate different DTMF tones when pressed during conversation. These are used to access voice mail, paging and computerised home banking.
GSM	Global System for Mobile communications. The name given to the advanced digital technology that your telephone uses.
Home country	The country where your home network operates.
Home network	The GSM network on which your subscription details are held.
Lock code	Used for security of your telephone. Factory set to "0000".
Message Centre	CWhere messages are sent before they are forwarded onto their destination. The Message Centre telephone number may be programmed into your SIM or supplied by your service provider.
Network operator	The organisation responsible for operating a GSM network. Each country will have a different network operator.
Password	Used for the control of the call bar function. Supplied by your service provider.
PIN	Personal Identification Number used for SIM security. Supplied by your service provider.
PIN2	Personal Identification Number used for the control of Fixed Dial Memory and call charge metering. Supplied by your service provider.

PUK/ PUK2	PIN/PIN2 Unblocking Key. Used to unblock the PIN/PIN2. Supplied by your service provider.
Registration	The act of locking on to a GSM network. This is usually performed automatically by your telephone.
Roaming	The ability to use your telephone on networks other than your Home network.
Service provider	The organisation responsible for providing access to the GSM network.
SIM	Subscriber Identification Module. A small smart-card which stores unique subscriber and user-entered information such as Phone Book, Fixed Dial Memory and short messages. Supplied by your service provider.
Supplementary service	Network-controlled GSM functions which your telephone will support. Supplementary services may only be available on a subscription bases.
Wild numbers	Spaces in a stored telephone number. When the telephone number is recalled pressing a numeric key will fill in a space. This can be used to restrict dialling to a specific area.

Specifications

Telephone

Type	GSM Class 4
SIM Type	Plug in type
Temperature range Charging Storage	+5°C to +35°C -20°C to +60°C

AC Adaptor

Output voltage	6.7V DC, 550mA

Battery — Attached to Telephone

	Battery pack (S)	Battery pack (S2)	Battery pack (M)	Battery pack (XL)
Weight	190 g	180g	215 g	250g
Dimensions Height Width Depth	141 mm 46 mm 21 mm	141 mm 46 mm 25 mm	141 mm 46 mm 23 mm	141 mm 46 mm 32 mm
Supply voltage	4.8 V DC, 600mAh	4.8 V DC, 650mAh	4.8 V DC, 850mAh	4.8 V DC, 1600mAh
Standby time Talk time	≈ 35 hours 140-190 min	≈ 38 hours 150-210 min	≈ 50 hours 195-270 min	≈ 90 hours 370-510 min

NOTE:

Charge time will be longer when the telephone is turned on.

Battery life is affected by the network you are using and the condition of the battery pack.

Notes

The Serial Number can be found on the outside of the telephone under the battery. For your convenience we recommend that you note the following details as a record of your purchase.	
Part Number	EB-G500 Series
Serial Number	
Dealer Name	
Purchase Date	